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Erratum

Erratum to "An intersection theory count of the SL(2,ℂ)-representations of the fundamental group of a 3-manifold" [Topology 40 (2001) 773–787]☆

Cynthia L. Curtis*

Department of Mathematics and Statistics, The College of New Jersey, Ewing, NJ 08628, USA

In *An intersection theory count of the SL*$(2,\mathbb{C})$*-representations of the fundamental group of a 3-manifold*, the semi-norm of Definition 4.4 is incorrectly defined. Specifically, the semi-norm $\|\cdot\|_Y$ corresponding to the 1-dimensional component Y of $X(N)$ should be defined to be $(1/2)deg(\tilde{I}^Y_{e(\alpha)}-2)$ rather than $deg(\tilde{I}^Y_{e(\alpha)}-2)$. With the notation of the proof of Theorem 4.8, the order of vanishing m_x of $\tilde{I}^Y_{e(p\mathscr{M}+q\mathscr{L})}-2$ at a point x in A_Y is twice the intersection multiplicity of x at a point in the intersection cycle $\tilde{Y}\cdot L_{p/q}$, rather than equal to the intersection multiplicity as asserted in the proof of Theorem 4.8. Redefining the semi-norm as described adjusts for this inconsistency, so that the statements of Theorem 4.8 and Corollary 4.9 are valid as written.

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* Tel.: +1-609-771-2026; fax: +1-609-637-5183.

E-mail address: ccurtis@tcnj.edu (C.L. Curtis).

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